

RUNE et al
Serial No. 10/022,830

Atty Dkt: 2380-589
Art Unit: 2681

AMENDMENTS TO THE SPECIFICATION:

Please amend the paragraph beginning at page 8 line 24 as follows:

To illustrate the foregoing, and as a prelude to an explanation of the present invention, reference is made to the situation shown in Fig. 1A. Fig. 1A shows an example of RNC role assignment for user equipment unit (UE) 30 at initial setup of a connection involving user equipment unit (UE) 30. In Fig. 1A, radio network controller (RNC) 26₁ acts as the serving RNC (SRNC) for the connection with user equipment unit (UE) 30, since user equipment unit (UE) 30 is in the cell controlled by base station (BS) 28₁₋₁ when the connection is first established. An initial leg of the connection with user equipment unit (UE) 30 in Fig. 1A is shown by the broken line 36₁₋₁ (which extends from core network 16, through radio network controller (RNC) 26₁, and base station (BS) 28₁₋₁ to user equipment unit (UE) 30). While it is assumed that the connection with user equipment unit (UE) 30 has a user connected to the core network as the second party, it should be understood that the second party could instead be another user equipment unit (UE), e.g., a mobile telephone.

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Please amend the paragraph beginning at page 11, line 23, as follows:

Fig. 2B shows a scenario in which the CCGI database 102₁ of SRNC 26₁ is not current respecting the cell information for the cell which is the subject of request message 110_{2B} (i.e., cell 28₂₋₁). In the scenario shown in Fig. 2B, the actual (e.g., most current) cell information for cell 28₂₋₁ stored in the third field of the first row of CCGI database 102₂ in DRNC 26₂ has the CCGI have of "Z" rather than "Y", possibly indicating an update of the cell information for cell 28₂₋₁ since the time shown in Fig. 2A. Yet the CCGI database 102₁ accessed by the manager 100₁ of SRNC 26₁ has the older version of the cell information for cell 28₂₋₁ which is represented by the value "Y". Thus, when the manager 100₁ of SRNC 26₁ sends request message 110_{2B} to DRNC 26₂, the request message 110_{2B} includes both the cell identifier 28₂₋₁ and the CCGI = Y. Upon receipt of request message 110_{2B}, the DRNC 26₂ consults its CCGI database 102₂ and determines that the CCGI database 102₁ of SRNC 26₁ does not have the most current version of the cell information for cell 28₂₋₁. Accordingly, the manager 100₂ of DRNC 26₂ prepares and sends response message 112_{2B} to SRNC 26₁. The response message 112_{2B} includes the cell identifier for cell 28₂₋₁, the cell configuration generation index (CCGI) associated with and representing the cell information deemed current by DRNC 26₂, and the cell information deemed current by DRNC 26₂ (depicted as [CELL INFO[28₂₋₁] in Fig. 2B). Thus, the response message ~~response message 112_{2B}~~ means that the specified cell having the cell identifier is still a valid cell but the actual cell configuration information of the cell does not correspond to the received cell configuration generation index (CCGI), i.e., the cell configuration generation index (CCGI) for the specified cell has changed. The manager 100₁ of SRNC 26₁ can then update its entry in CCGI database 102₁ for cell 28₂₋₁, storing the updated cell configuration generation index (CCGI) value of Z in the second field and the current/updated cell information for cell 28₂₋₁ in the third field.

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